Atty. Dkt. No.:

DECLARATION

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR HIGH-EFFICIENCY SYNTHESIS OF CARBON NANOSTRUCTURE, AND CARBON NANOSTRUCTURE

the specific	cation of	which (check one)
		is attached hereto. or was filed on March 23, 2004 as Application Serial No or PCT International Application No <u>PCT/JP2004/003988</u> and was amended on (if applicable).

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-	PRIOR FOREIGN AP	PLICATION(S)		
APPN. SERIAL NO.	COUNTRY	DATE FILED	PRIORITY CLAIM	
AFFN. SEMALINO.		(MM/DD/YYYY)	Yes	No
2003-81651	Japan	03/24/2003	\boxtimes	

Atty. Dkt. No.:

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISION	NAL APPLICATION(S)
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)

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	PRIOR U.S. APPLICATION(S)
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED
·		

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POWER OF ATTORNEY

I hereby appoint Donald J. Daley, Reg. No. 34,313, and all remaining attorneys from the law firm of Harness, Dickey & Pierce, P.L.C. (Customer No. 30593), giving them full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CORRESPONDENCE ADDRESS

Atty. Dkt. No.:

Full name of sole or fi	st inventor: Osamu SUEKANE
	Osanu Suefane
Date:Se	ot, 6, 2005
Residence: 70-140, No	jiri-cho, Sakai-city, Osaka 599-8116 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
	oint inventor: Toshikazu NOSAKA
Inventor's signature:	
Date:	·
Residence: 5-12-301,	Ibukino 3-chome, Izumi-city, Osaka 594-0041 Japan
Citizenship:	Japanese ·
Mailing Address:	SAME AS ABOVE
·,	
Full name of third joi	nt inventor: Yoshikazu NAKAYAMA
	·
Date:	
Residence: 9-404, 14-	2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 Jap
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of fourth j	oint inventor: Lujun PAN
Residence: 6-12-308,	Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Japa
Citizenship:	China
Mailing Address:	SAME AS ABOVE
Haming Haar obs	
Full name of fifth ioi	nt inventor: Takeshi NAGASAKA
	O NIPPON SANSO CORPORATION,
	byama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE

Full name of sixth join	inventor: Toru SA	KAI	
[nventor's signature: _			
Date:			
Residence: c/o TAIY(NIPPON SANSO	CORPORATION,	
3-26, Koya	ıma 1-chome, Shinaş	gawa-ku, Tokyo 142-8558 Japan	
Citizenship:	Japanese		
Mailing Address:	SAME AS ABOV	E .	
		·	
Full name of seventh j	oint inventor:	Hiroyuki TSUCHIYA	
			•
			•
Residence: c/o NISS	· ·		
47, Umez	u-Takase-Cho, Ukyo	-ku, Kyoto-city, Kyoto 615-8686	Japan
Citizenship:	Japanese		
Mailing Address:	SAME AS ABOV	E	
Date: Residence: c/o OTSU		o Itd	
•		-ku, Osaka-city, Osaka 540-0021	Japan
	Japanese	Ru, Obaka Otty, Obaka 5 to 0021	
Citizenship: Mailing Address:		Æ.	
Maning Address.			•
		37 T T	
Full name of ninth jo		Xu LI	
-			
		T / 1	
Residence: c/o DAII			0011 7
7-19, Hai	naten-nishi 2-chome,	, Joto-ku, Osaka-city, Osaka 536-	UUII Jap
Citizenship:	China		
Mailing Addross.	CAME AS ABO	VR.	

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APPN, SERIAL NO.	COUNTRY	DATE FILED	PRIORITY CLAIM	
APPN. SERIAL NO.		(MM/DD/YYYY)	Yes	No
2003-81651	Japan	03/24/2003	\boxtimes	· 🗆
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PRIOR U.S. APPLICATION(S)				
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS · PATENTED, PENDING, ABANDONED		

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	Atty. Dkt. No.:
Full name of sole or fu	rst inventor: Osamu SUEKANE
	· · · · · · · · · · · · · · · · · · ·
Date:	
	ojiri-cho, Sakai-city, Osaka 599-8116 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Inventor's signature:	oint inventor: Toshikazu NOSAKA Loshikazu, Novaka
Date: Sept	tember 5, 2005
	Ibukino 3-chome, Izumi-city, Osaka 594-0041 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of third joi	nt inventor: Yoshikazu NAKAYAMA
Inventor's signature:	·
	2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 Jap
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
_	
Full name of fourth i	oint inventor: Lujun PAN
	•
Inventor's signature:	
	Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Japa
Citizenship:	China
Mailing Address:	SAME AS ABOVE
Mannig Address.	Shift its its over
Full name of fifth joi	nt inventor: Takeshi NAGASAKA
Residence: c/o TAIY	O NIPPON SANSO CORPORATION, oyama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship: Mailing Address:	Japanese SAME AS ABOVE

Full name of sixth joint	t inventor: Toru SAKAI
nventor's signature:	
Date:	
Residence: c/o TAIYO	NIPPON SANSO CORPORATION,
3-26, Koya	ama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	Japanese
	SAME AS ABOVE
· .	
Full name of seventh i	oint inventor: Hiroyuki TSUCHIYA
_	
	N ELECTRIC Co., Ltd.,
	u-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686 Japan
Citizenship:	Japanese
· -	SAME AS ABOVE
Maiting Address.	
Full name of eighth jo	int inventor: Toshiki GOTO
Inventor's signature:	
Date:	
Residence: c/o OTSU	JKA CHEMICAL Co., Ltd.,
2-27, Ote	dori 3-chome, Chuo-ku, Osaka-city, Osaka 540-0021 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of ninth ion	int inventor: Xu LI
· ·	
	KEN CHEMICAL Co., Ltd.,
	naten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 536-0011 Japa
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Mailing Address:	SAME AS ABOVE

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APPN. SERIAL NO.	COUNTRY	DATE FILED	PRIORITY CLAIM	
III III. BBIMIB IIO.		(MM/DD/YYYY)	Yes	No
2003-81651	Japan	03/24/2003	\boxtimes	

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CORRESPONDENCE ADDRESS

W

DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No.: Full name of sole or first inventor: Osamu SUEKANE Inventor's signature: _ Residence: 70-140, Nojiri-cho, Sakai-city, Osaka 599-8116 Japan Citizenship: Japanese SAME AS ABOVE Mailing Address: Toshikazu NOSAKA Full name of second joint inventor: Inventor's signature: ___ Residence: 5-12-301, Ibukino 3-chome, Izumi-city, Osaka 594-0041 Japan Citizenship: Japanese SAME AS ABOVE Mailing Address: Full name of third joint inventor: Yoshikazu NAKAYAMA Inventor's signature: _ Residence: 9-404, 14-2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 Japan Japanese Citizenship: SAME AS ABOVE Mailing Address: Full name of fourth joint inventor: Lujun PAN Residence: 6-12-308, Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Japan China Citizenship: SAME AS ABOVE Mailing Address: Full name of fifth joint inventor: Takeshi NAGASAKA Inventor's signature: ____ Residence: c/o TAIYO NIPPON SANSO CORPORATION, 3-26, Koyama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan Japanese Citizenship: SAME AS ABOVE Mailing Address:

Full name of sixth joint	inventor: Toru SAKAI	
Inventor's signature:		
Date:		
Residence: c/o TAIYO	NIPPON SANSO CORPORATION,	
3-26, Koyar	na 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan	•
Citizenship:	Japanese	
Mailing Address:	SAME AS ABOVE	
Full name of seventh joi	int inventor: Hiroyuki TSUCHIYA	
Inventor's signature:		
Residence: c/o NISSIN	I ELECTRIC Co., Ltd.,	•
47, Umezu-	-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686	5 Japan
Citizenship:	Japanese	,·
Mailing Address:	SAME AS ABOVE	
Full name of eighth join	nt inventor: Toshiki GOTO	· ,
	KA CHEMICAL Co., Ltd.,	
2-27, Oted	ori 3-chome, Chuo-ku, Osaka-city, Osaka 540-0021	Japan
Citizenship:	Japanese	
Mailing Address:	SAME AS ABOVE	
Full name of ninth join	t inventor: Xu LI	
Inventor's signature: _		-
Date:		-
Residence: c/o DAIK	EN CHEMICAL Co., Ltd.,	
7-19, Hana	aten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 536	-0011 Japan
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Full name of sixth joint	inventor: Toru SAKAI
	Tom Sakai.
	09/05/2008
	NIPPON SANSO CORPORATION,
3-26, Koya	ama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	
Mailing Address:	
Full name of seventh jo	oint inventor: Hiroyuki TSUCHIYA
Inventor's signature: _	
Date:	
Residence: c/o NISSI	N ELECTRIC Co., Ltd.,
47, Umezu	ı-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686 Japan
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CORRESPONDENCE ADDRESS

Atty. Dkt. No.:

Full name of sole or fr	rst inventor. Usamu SUERAINE
Inventor's signature:	
Residence: 70-140, No	ojiri-cho, Sakai-city, Osaka 599-8116 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of second jo	oint inventor: Toshikazu NOSAKA
Inventor's signature:	
	Ibukino 3-chome, Izumi-city, Osaka 594-0041 Japan
Citizenship:	Japanese
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	int inventor: Yoshikazu NAKAYAMA
Inventor's signature:	
•	
Residence: 9-404, 14	-2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 Ja
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
E-11 of fourth	joint inventor: Lujun PAN
	:
Date:	, Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Jap
Citizenship:	China
Mailing Address:	SAME AS ABOVE
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Full name of fifth jo	int inventor: Takeshi NAGASAKA
Inventor's signature	:
Date:	
Residence: c/o TAI 3-26, K	YO NIPPON SANSO CORPORATION, oyama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship: Mailing Address:	Japanese

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Inventor's signature: _		
Date:	·	
Residence: c/o TAIY(O NIPPON SANSO CORPORATION,	
3-26, Koy	ama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan	
Citizenship:	Japanese	
Mailing Address:	SAME AS ABOVE	
		٠
Full name of seventh j	oint inventor: Hiroyuki TSUCHIYA Hiroyuki TSUCHIYA	
Date:	09/01/2005	•
Residence: c/o NISS	IN ELECTRIC Co., Ltd.,	
47, Umez	u-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686	Japan
Citizenship:	Japanese	
Mailing Address:	SAME AS ABOVE	
•	int inventor: Toshiki GOTO	
•	UKA CHEMICAL Co., Ltd.,	
2-27, Ote	dori 3-chome, Chuo-ku, Osaka-city, Osaka 540-0021	Japan
Citizenship:	Japanese	
-	SAME AS ABOVE	
Full name of ninth joint		
	KEN CHEMICAL Co., Ltd.,	2011 *
7-19, Hai	naten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 536-	JUll Japan
Citizenship:	China	
Mailing Address.	TVORA PARADA	

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As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR HIGH-EFFICIENCY SYNTHESIS OF CARBON NANOSTRUCTURE, AND CARBON NANOSTRUCTURE

the specificat	ion of w	vhich (check one)	
•		is attached hereto.	
	\boxtimes	was filed on March 23, 2004 as Application Serial No or International Application No <u>PCT/JP2004/003988</u> and was ame on (if applicable).	

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation in part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation in part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

	PRIOR FOREIGN AP	PLICATION(S)		
APPN, SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORITY CLAIM	
AFFN. BEIMADIVO.			Yes	No
2003-81651	Japan	03/24/2003	\boxtimes	

Daga 1 of 1

Atty. Dkt. No.:

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S)		
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

PRIOR U.S. APPLICATION(S)					
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED			

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I hereby appoint Donald J. Daley, Reg. No. 34,313, and all remaining attorneys from the law firm of Harness, Dickey & Pierce, P.L.C. (Customer No. 30593), giving them full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

CORRESPONDENCE ADDRESS

m •

DECLARATION AND POWER OF ATTORNEY

Atty. Dkt. No.:

Full name of sole or fire	st inventor: Osamu SUEKANE
Inventor's signature: _	
Date:	
Residence: 70-140, Noj	iri-cho, Sakai-city, Osaka 599-8116 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
· .	
Full name of second jo	int inventor: Toshikazu NOSAKA
Inventor's signature:	
Date:	
Residence: 5-12-301, I	bukino 3-chome, Izumi-city, Osaka 594-0041 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of third join	nt inventor: Yoshikazu NAKAYAMA
Inventor's signature:	
Date:	
Residence: 9-404, 14-2	2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 J
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of fourth io	oint inventor: Lujun PAN
_	
Date:	
	Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Jaj
Citizenship:	China
Mailing Address:	SAME AS ABOVE
Maning Address.	DAIVE AD ADOVE
Full name of fifth join	nt inventor: Takeshi NAGASAKA
Inventor's signature:	
Date:	
	O NIPPON SANSO CORPORATION, yama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	Japanese SAME AS ABOVE

Ņ

Full name of sixth joint	t inventor: Toru SAKAI
Inventor's signature: _	
Date:	
Residence: c/o TAIYO	NIPPON SANSO CORPORATION,
3-26, Koya	ama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of seventh j	oint inventor: Hiroyuki TSUCHIYA
Inventor's signature: _	
Date:	
Residence: c/o NISSI	N ELECTRIC Co., Ltd.,
47, Umez	ı-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of eighth jo	int inventor: Toshiki GOTO
Inventor's signature:	Toshiki goto
Date:	Toshiki goto September 14,2005
	JKA CHEMICAL Co., Ltd.,
2-27, Ote	dori 3-chome, Chuo-ku, Osaka-city, Osaka 540-0021 Japan
Citizenship:	Japanese
Mailing Address:	SAME AS ABOVE
Full name of ninth joi	nt inventor Xu LI
Inventor's signature:	
Date:	
Residence: c/o DAII	CEN CHEMICAL Co., Ltd.,
7-19, Har	naten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 536-0011 Japan
Citizenship:	China
Mailing Address	SAME AS ABOVE

Atty. Dkt. No.:

DECLARATION

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	PRIOR FOREIGN AP	PLICATION(S)		
APPN, SERIAL NO.	COUNTRY	DATE FILED	PRIORITY CLAIM	
AT 14. OBIGAD 140.		(MM/DD/YYYY)	Yes	No
2003-81651	Japan	03/24/2003	\boxtimes	
		·		

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Atty. Dkt. No.:

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISION	NAL APPLICATION(S)
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

PRIOR U.S. APPLICATION(S)				
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED		

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CORRESPONDENCE ADDRESS

Atty. Dkt. No.: Full name of sole or first inventor: Osamu SUEKANE Inventor's signature: ____ Residence: 70-140, Nojiri-cho, Sakai-city, Osaka 599-8116 Japan Citizenship: Japanese SAME AS ABOVE Mailing Address: Full name of second joint inventor: Toshikazu NOSAKA Inventor's signature: Residence: 5-12-301, Ibukino 3-chome, Izumi-city, Osaka 594-0041 Japan Japanese Citizenship: SAME AS ABOVE Mailing Address: Full name of third joint inventor: Yoshikazu NAKAYAMA Inventor's signature: ___ Residence: 9-404, 14-2, Korigaoka 1-chome, Hirakata-city, Osaka 573-0084 Japan Citizenship: Japanese SAME AS ABOVE Mailing Address: Full name of fourth joint inventor: Lujun PAN Inventor's signature: Date: Residence: 6-12-308, Shinkanaoka-cho 4-cho, Sakai-city, Osaka 591-8021 Japan China Citizenship: SAME AS ABOVE Mailing Address: Full name of fifth joint inventor: Takeshi NAGASAKA Inventor's signature: Residence: c/o TAIYO NIPPON SANSO CORPORATION, 3-26, Koyama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan

Japanese

SAME AS ABOVE

Citizenship:

Mailing Address:

Full name of sixth join	t inventor: Toru SAKAI
Inventor's signature:	·
Date:	
Residence: c/o TAIY	O NIPPON SANSO CORPORATION,
3-26, Koy	ama 1-chome, Shinagawa-ku, Tokyo 142-8558 Japan
Citizenship:	Japanèse "
Mailing Address:	SAME AS ABOVE
Full name of seventh	joint inventor: Hiroyuki TSUCHIYA
Date:	
	IN ELECTRIC Co., Ltd.,
	u-Takase-Cho, Ukyo-ku, Kyoto-city, Kyoto 615-8686 Japan
Citizenship:	Japanese
-	SAME AS ABOVE
E-II	intimuntani Toshiki GOTO
	oint inventor: Toshiki GOTO
Date:	
	UKA CHEMICAL Co., Ltd.,
	dori 3-chome, Chuo-ku, Osaka-city, Osaka 540-0021 Japan
Citizenship:	Japanese
maning Address.	SAME AS ABOVE
Full name of ninth join	
Inventor's signature:	
Date:	2005 Sep. 30
Residence: c/o DAII	KEN CHEMICAL Co., Ltd.,
7-19, Hai	naten-nishi 2-chome, Joto-ku, Osaka-city, Osaka 536-0011 Ja
Citizenship:	China
Mailing Address:	SAME AS ABOVE

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